

February 4 - 10, 2005

The Terra spacecraft is operating nominally in science mode.

Two MIRs occurred this week having to do with late acquisitions with the TDRSS network. One of these late acquisitions was with TDW and 1 with 171. In both cases, there was no impact to science objectives and no data loss.

Three MIRs occurred this week during an X-band EPGN proficiency contacts. In one case, no X-band data were received. In a second case, there were dropouts. In the final case, EDOS was not configured to capture science data from a ground contact. Since these contacts use old science data, there was no impact to current science objectives.

One MIR occurred this week involving a science playback (MISR & ASTER) that showed a higher number of expected CADU counts upon playback completion. In other words, MISR & ASTER buffers played back more data than entered arguments requested. Possible cause is a command bit flip internal to the SSR. In the end, there was no impact to science objectives and no data loss.

Two MIRs occurred this week having to do with K-band dropouts. One occurred on TDS and the other on TDW. This is a common problem that occurs about once per week. No science data were lost due to replaying data.

One MIR occurred this week having to do with S-band dropouts with TDS after science data playback. Although there was a delay in initial MODIS replay, no science data were lost.